

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1c511 U.S. PTO  
09/353847  
07/15/99

In re application of:

EE, Hyun Chang; YOUN, Won Gyun

Serial No: NOT ASSIGNED

Filed: July 15, 1999

For: APPARATUS AND METHOD FOR ELIMINATING  
RESIDUAL IMAGE IN A LIQUID CRYSTAL DISPLAY  
DEVICE

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

- ☒ 7 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 22 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to LG LCD INC. ☒ is enclosed ☐ will follow.
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☐ A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 & 1.27 is enclosed.
- ☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 1998/38119 filed September 15, 1998 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☒ IDS enclosed (☒ with references).
- ☐ Preliminary Amendment is enclosed.

## CALCULATION OF FEES

ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE	
A	TOTAL CLAIMS FEE	26	-20	6	LG=\$18 SM=\$9	\$18	108		
B	INDEPENDENT CLAIMS FEE*	4	-3	1	LG=\$78 SM=\$39	\$78	78		
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 186	
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$260 SMALL ENTITY FEE = \$130		\$ 0	
E	BASIC FEE					LARGE ENTITY FEE = \$760 SMALL ENTITY FEE = \$380		\$ 760	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 946	
G	ASSIGNMENT RECORDING FEE							\$ 40	\$ 40
	*LIST INDEPENDENT CLAIMS 1, 9, 11 and 19								


CONTINUED ON NEXT PAGE

- ☒ A check in the amount of \$ 946.00 to cover the filing fee is enclosed.
- ☒ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1820. **A copy of this sheet is enclosed.**
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
LOEB & LOEB LLP

Date: July 15, 1999

By: \_\_\_\_\_

  
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Art Unit: NOT ASSIGNED

Examiner: NOT ASSIGNED

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EL 340 697 146 us

Date of Deposit: July 15, 1999

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 946.00 as filing fee
- ☒ patent application ( 22 page(s) of specification; 26 claim(s); 1 page(s) of abstract
- ☒ 7 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to LG LCD INC.
- ☒ certified copy of Korean patent application No. 1998/38119 which was filed September 15, 1998 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 1 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231.

Date: July 15, 1999

10100 Santa Monica Blvd., 22nd Floor  
Los Angeles, California 90067-4164  
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Al Gamino

Name of person mailing papers

  
Signature